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A2 6,380,158 04/30/2002 Sheppard, Paul 536 03/27	27/1997 30/2000 23/1999 27/2001 27/2001 30/2000 22/2001 09/1988 06/1993 27/1974								
A3 6.420.521 07/16/2002 Sheppard, et.al. 530 06/30 A4 6.627,729 Sheppard, et.al. 09/23 A5 09/794,987 Sheppard, et.al. 02/27 A6 09/796,158 Sheppard, et.al. 02/27 A7 10/186,414 Sheppard, et.al. 06/30 A8 09/718,803 Sheppard, et.al. 11/22 A9 5,006,469 04/09/91 Adelman et al. 435 240.1 02/09 Ch7 A10 5,470,830 11/28/95 Macielag et al. 514 13 08/06 A11 3,978,035 08/31/1976 Wunsch, E. et al. 260 03/27 FOREIGN PATENT DOCUMENTS EXAMINER DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS APPRO	30/2000 23/1999 27/2001 27/2001 30/2000 22/2001 09/1988 06/1993 27/1974								
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Search Report for corresponding PCT application: PCT/US 01/15091; Application date is May 5, 2001; Publication number is WO 01/87933; Search report date is April 23, 2002.									
Pearson, et. al., Gastrointestinal Hormones in Medicine 22: 753-774, 1993.									
	Pedraul Manal 1 M I Classic Conference								
φη συμπακ, ivi. et. at., <u>J. ivieu. Citem. 43</u> . 4370-4370, 10/20/2000.									
Bednarek, M. et. al., J. Med. Chem. 43: 4370-4376, 10/26/2000. C4 Kojima, M. et. al., Nature 402: 656-660, 12/09/1999.	Kojima, M. et. al., <u>Nature 402</u> : 656-660, 12/09/1999.								
G Feighner, S. et. al., <u>Science 284</u> : 2184-2188, 06/25/1999.	Feighner, S. et. al., <u>Science 284</u> : 2184-2188, 06/25/1999.								
(A) C6 Daikh, D et al., DNA 8: 615-621, 1989.	Daikh, D et al., <u>DNA 8</u> : 615-621, 1989.								
C7 INC2207941, LIFESEQ™ Clone Information Results, Incyte Pharmaceuticals Inc., 1996.									
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y	C9	INC	INC2209486, LIFESEQ™ Clone Information Results, Incyte Pharmaceuticals Inc., 1996.							
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So	CII	INC	INC891710, LIFESEQ™ Clone Information Results, Incyte Pharmaceuticals Inc., 1996.							
yo	Cir	INC	591710, LIFES	EQ. Cione information Results,	incyte rhaimace	uncais inc., 19	790.			
Uhr	C12	INC	INC1329031, LIFESEQ™ Clone Information Results, Incyte Pharmaceuticals Inc., 1996.							
Yo	C13	Clon	Clone 1329031, LIFESEQ™ Electronic Northern Results, Incyte Pharmaceuticals Inc., 1996.							
-	C14	PAN	PANCNOT07, LIFESEQ™ Library Information Results, Incyte Pharmaceuticals Inc., 1996.							
	CI5	LUN	LUNGFET03, LIFESEQ™ Library Information Results, Incyte Pharmaceuticals Inc., 1996.							
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J.	C17	SINT	SINTFET03, LIFESEQ™ Library Information Results, Incyte Pharmaceuticals Inc., 1996.							
[10	C18	Strau	ısberg, Accessi	on No. AA530994, Cancer Genom	e Anatomy Proj	ect, 1997.				
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	C27	Mill	Miller Destal Destides 16: 11:19:1006								
477	(Z)	141111	Miller, P. et al., Peptides 16: 11-18, 1995.								
yo	C28	Peet	Peeters, T. et al., Peptides 13: 1103-1107, 1992.								
	C29	Mac	Salaa Matal	Peptides: Chemistry, Structure and	Piology: 650-6	40 1006					
Upp	2	IVI QU	leiag, Ivi.ci ai.,	replices. Chemistry, Structure and	Diology, 039-0	100, 1990.					
14,	C30	Rhe	e G. et al., J. F	Biol. Chem. 272: 15045-15048, 1997	7		<del></del>				
4		<b></b>	<u>,                                    </u>	101. Chem. 272. 10010 10010, 122.	<del>'···</del>	-					
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y	C32	Geo	rge, D. et al.,	"Macromolecular Sequencing and Sy	ynthesis, Select	ted Methods and	Applications,"			
<u> </u>	<u> </u>			, New York, Schlessinger D. (Ed), pp						
yn	C33			ein Structure Prediction: A Practical	Approach," IRI	L Press at Oxfor	d Univ., Stemberg K.			
<u> </u>	+ m4		); pp. 31-63, 1		0.000-3-50	1 NIV Duki	" I C-14 Ci-a Harbor			
	C34	Labo	oratory, 1988.							
1 4y	C35	Benj	jamini, E. et a	al., "Immunology: A Short Course" 2	nd ed. Publishe	er: Wiley-Liss, N	l.Y., p 40, 1991.			
un	C36	Albe	erts, B. et al.,	"Molecular Biology of the Cell", 3rd	ed. Publisher:	Garland Publish	ning, Inc. N.Y. p. 119,			
4),	<del> </del>	1994	··				***			
CHP	C37	Dan	iel, C. et al., y	Virology 202: 540-549, 1994.						
$\frac{1}{\sqrt{2}}$	C38	Nat:	ero Letal I	nfection and Immunity 61: 1126-113	.1					
(H)	~~	21000	10, J. C. a, <u></u>	nection and minimity of 1120 115	1.					
- r k/l	C39	Sam	brook, J. et al	l., "Molecular Cloning: A Laboratory	y Manual" 2 nd e	d. Publisher Co	old Spring Harbor			
<u> </u>	<u> </u>	Labo	oratory Press,	pp. 18.2-18.10, 1989						
(AP)	C40			e Protein Folding Problem and Tertia	ary Structure Pr	rediction", Merz	and Le Grand (Eds)			
<del></del>	-			433, 492-495, (1994)						
S	C41	Kai,	Y, et al., Cne	em. Pharm. Bull. (Toyoko) 10: 2346-	2352, 1975.					
	C42	Saka	i, T. et al., Re	egul. Pept 53: 249-257, 1994.						
	C43	Ross	mans V et al	Parent Paret 15: 142 152 1096						
y	045	BUII	nans, v. ci ai.	., Regul. Pept 15: 143-153, 1986.			<u></u>			
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sha	C44	На	asler, W. et al.,	Am. J. Physiol. 262 (1 Pt1)G 50-	55, 1992.					
	045			1 0 21 10 00 04 1001						
4	C45	De	Depoortere, I. et al., Peptides 12: 89-94, 1991.							
45	C46	Ko	Koutsoviti-Papadopoulou, M. et al., Gen. Pharmac. 25(1): 93-96, 1994.							
	C47	Re	Rehfeld, J. et al., J. Biol. Chem. 261: 5832-5840, 1986.							
p	C49									
Uf	C48	Ke	enreid, J. et al.,	Eur. J. Biochem. 223: 765-773, 1	994.					
(A)	C49		Franks, F. "Proein Biotechnology: Isolation, Characterization, and Stabilization," Publisher: Humana Press, New Jersey, 1993.							
O.	C50	Be	Beacham, J. et al., "Peptides" Publisher: North-Holland Publishing Company, Amsterdam, pp 235-241, 1967.							
CAO	C31	Ch	Christ, A. et al., Gastroenterology 94: 311-316, 1988.							
30	C52	Cu	Cunningham, B. et al., <u>Science 244</u> : 1081-1085, 1989.							
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